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THE PLOTTER

CLACKAMAS COUNTY AREA T/S
USERS GROUP
NEWS LETTER
****
VOLUME 4 ** NUMBER 4
******
APRIL 1986

EDITED BY: DICK WAGNER
CHAIRMAN: SID WYNCOOP
V/CHAIRMAN: DICK WAGNER
SECRETARY: JACK ARMSTRONG
TREASURER: ROD GOWAN
PR OFFICER: BOB EVANS
LIBRARIAN: ROD GOWAN

MEETING

The APRIL meeting will be:

on: FRI., APRIL 14, 1986
at: 7:30 P. M.
in: COMMUNITY ROOM
FAR WEST FEDERAL S & L
OREGON CITY SHOPPING CENTER

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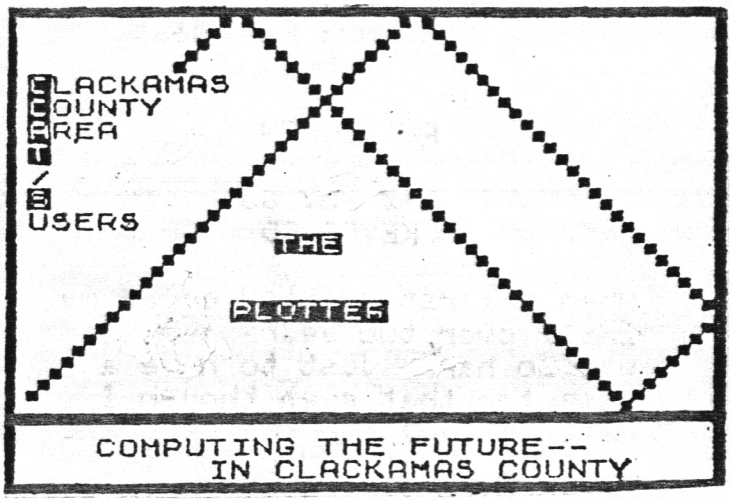


FROM THE VICE-CHARMAN

Interest is increasing for the use of Modems, if out March meeting can be considered a guide. The possibility of implementing a local bulletin board of our own is interesting. It is a whole new concept of computer use that is approaching "electronic mail". No doubt the dumping of good Modems on the market has sparked the interest. Was Westridge wrong?

With about 10 units now owned by our members, it looks like the local BBS idea can be worked on and developed into an operating system . Apparent problems are location, system operator(s), cost, data input, operating programs, compatable computers, and coordination. With other systems operating with varying degrees of success, it looks like we can learn from observing. And then there is Rod Gowen's series on Compuserve to help us along.

A facet not discussed is sparking interest with other users not members of our group. It can renew interest for the 1000/1500 owners if their equipment can communicate with more powerful computers.

What about those extra bargain Modems we purchased? There will be articles in magazines on how to repair, and even convert to a RS232 port.

SECRETARY'S SECRETS

by Jack Armstrong

In the absence of Chairman Syd Wyncoop, the March meeting of CCAT/S was called to order at 8:00 p.m. by the Vice-Chairman Dick Wagner.

Under Old Business, members were reminded that the April meeting will be held on the 3rd Friday, the 18th of the month. The May meeting will be on the original schedule: the 2nd Friday. The list of Modem owners was brought up and an additional list was circulated. Eleven members have signed up although not all are up and running bug-free.

Rod informed the group that a number of new copies of publications have been added to our library.

The new H-E-L-P column was discussed and most felt it should not only pose problems members were having, but that if solutions were found, those solutions should be published also, putting them on record. That way, as our Plotter is sent to other groups, they will be able to take advantage of the knowledge, too.

Modems and Bulletin Boards were also discussed. Rod Gowen announced that the club had a public domain program for a BBS called TinyBoard. He made an offer to sell the equipment that would be required for our own BBS at a reduced price. It was proposed that we could have a service if there were enough members interested who would be willing to pay a small fee for the expenses involved: Modem software, Modem, Interface, computer telephone costs, etc. Dennis has an extra line he could let the group use. It was noted that there are at least two local BBS's: N.W. FIDO BBS and The LOVE BBS.

Members with input on the Modem BBS, or wanting information can call Dennis in the evenings after 8 p.m. He will gather information and and will write an article for the Plotter.

Broadening our membership was also discussed. Several suggestions were made. Meeting was adjourned at 9:00.

FROM THE EDITOR'S DESK

There is a matter brought up by a new member in Letters To The Editor column that really touches on experiences many of us have had. There hasn't been a great deal of complaint from the buying computer user and we are concerned that such things do happen. We hope that AERCO is not getting sloppy with either products or service.

We are fortunate that in many cases there is more than one supplier of a product. By watching ads and product reviews we find that there is a choice in the market place. New names are showing up and some distributors are trying hard to get their products known. However, until newer items are put into use we can expect some problems in design and production.

An example is the John Oliger Disc system that I reviewed for Time Designs. I was impressed with this system, the documentation and service so I invested myself. It is doing a good job for me. I would like to complete the system with a new program to provide the same general operating features provided by other systems. The new EPROM program is not yet ready although it has been in progress for some months. I recognize that most commercial programmers doing such work on their own have very limited time to devote to this labor of love. The consumer must be patient at times. However, how do we distinguish a mess-up like Greg experienced with AERCO and just a lack of time in my case?

* * * * * * * * * * * * * * * * * * *

--NOTICE--

Did you observe that the APRIL meeting is scheduled for the 3rd Friday? If you missed it check page 1 again. Someone beat us to the usual time.

THE PLOTTER IN PRISON

This is our first contribution of our newsletter to a prison computer programming class. More later.

THE QL QORNER

By Vince Lyon

Recently I read a book which was supposed to be on superBASIC for the QL. However, when I was more than a little surprised when I came to the section on graphics. It seems that the author thought the graphics potential of the QL was best utilized by loading the included software and reading your manual on QL Easel.

While that may be well and good for those select few who don't wish to include charts or graphs within their own programs, it certainly is not for those who want to design real business programs.

It is not a great chore to use the graphics functions available from BASIC to create charts and graphs. And, the speed of the QL, makes it possible to use charts more quickly from with your own programs that it is to stop and load Easel.

Rather than explain in detail the entire below program (you should by now understand most of it), I'll let it stand on it's own merit. You will find it easy to include in your own programs.

For those who may be interested, I have another version of the program available (SASE) which adjusts the pixel width of the vertical bar chart, depending on the number of entries (up to 250).

If you have any QL programming hints, questions or applications, we would like to hear from you. Columns should reflect more than just one concept if they are to be a usable resource for us all.

```
10 MODE 4:WINDOW #1,450,165,35,0:
PAPER #1,0:INK #1,7:BORDER #1,1,7:
CSIZE #1,0,0: CLS
20WINDOW # 0,450,25,35,167: PAPER
#0,2: INK #0,7: BORDER #0,1,5:
CLS #0
30 high = 0: low = 100: ac= 0
40 UNDER 1: STRIP 3
50 FOR k = 0 TO 19
60 LET lth = RND (2 TO 65)
70 ac = ac+lth
80 IF lth)high THEN LET high = lth
90 IF lth(low THEN LET low = lth
100 AT k,0: PRINT " "; TO lth;"   ";
lth
110 NEXT k
120 PRINT #0,,,,"Horizontal Bar
Chart"\,,"High = ";high;"   Low = ";
low, "Average = ";(ac/20)
130 FOR k = 10 TO  STEP 10
140 LINE k,0 TO k,175
150 NEXT k
160 PAUSE
170 UNDER 0: STRIP 0
180 CLS: CLS #0
190 av = 0
200 FOR k = 1 TO 55
210 LET hgt = RND (5 TO 150)
220 av = av + hgt
230 BLOCK 5, hgt, k*8,160-hgt, 5
240 NEXT k
250 PRINT #0,,,, "Vertical Bar
Chart"
260 PRINT #0,,,, "Average =  ";
(av/43)
270 PAUSE
280 CLS: CLS #0: POINT 0,0
290 AC = 0: CNT = 0
300 FOR K = 0 TO 170 STEP 2
310 LET np = RND (5 TO 100)
320 ac = ac + np:cnt = cnt + 1
330 LINE TO k,np
340 NEXT k
350 INK 2: OVER -1
360 For k = 0 TO 170 STEP 5
370 LINE k,0 TO k,175
380 NEXT k
390 FOR k = p TO 100 STEP 5
400 LINE 0, k TO 430, k
410 NEXT  k
420 INK 7: OVER 0
430 PRINT #0\,,,, "Line Graph"\,,,"
    Average = ";ac/cnt
440 LINE 0, ac/cnt TO 430, ac/cnt
450 PAUSE
460 CLS: CLS #0
470 PRINT #\\,,,,"End Of Demo"
480 PAUSE
490 CLS #0
```

NOTICE

The Editor regrests that Secretary Jack Armstrong's name was not included when page 1 was formatted for use with MSCRIPT. The correction has been made. Jack's name did get on his Secretary's report.

BITS & BYTES

by: ROD GOWEN

Well, as always, there is much news for all of you TS users out there! I won't waste your time on idle chit chat, I'll get right to it.....

RAMEX-will no longer support us! At least not unless you are a QL or IBM user. That is the official word from Scott Duncan, head of the company. They evidently felt that there was no more money to be made off of us and went where they thought the money is. They say that they will support what they have sold, but will sell no more DD systems or Tasman products. The only benefit of this is that several dealers have purchased Tasman software, Tasword 2, and the price is now around $15. Check with your local dealer.

T-S HORIZONS-#17 is now in! Rick Duncan, the editor, has printed a schedule of issue dates in this issue. He has gone to a 6 week interval on the magazine. That means that all new subscriptions will be at a cost of $15 for 9 issues. We hope that this works out for them. TSH is a very good magazine for the price. We want to see it keep on coming! There are only 3 major TS mags around, TSH, TIME DESIGNS and SUM. We need them all. Read them, support them, and most of all, SUPPORT THE DEALERS WHO ADVERTISE IN THEM! without the ads, there will be no magazines.

ZEBRA-has several 3 page ads in the current issues of magazines. They have announced several new and exciting products for our machines. They have released such things as: Z CLOCK, a real time clock for the 2068, Z TERM 64, terminal software for use with OS64, Z.A.D., a computer aided design package for the 2068, Z STICK, a Kemston compatible joystick port for the 2068 and MORE is promised! With a company like this behind us, how can they say that we have no future?! For prices and availability on these new items, contact your local dealer or ZEBRA.

LARKEN ELECTRONICS-has shipped one of the $95 DD I/F boards to yours truly, but as I do not have a DDSD Disk drive I will not be able to test it until I get one. I will keep you posted on the results.

COMPUTERFEST '86-is looking better all the time! From all of the reports, it looks as though they are going to have a very good turnout for this, the biggest ever, TS computer show. Zebra is said to have 2 or 3 tables reserved and has a hospitality foom besides! There are more than 20 dealers committed to tables. Some of these will be there in person, others will have volunteers from the host club, Cincinnati users group, manning the table. There will be displays, seminars, gab sessions and much, much more for you to see and do. There are also many things to do in the area other than attend the show. (That is, after show hours, 9 AM to 5PM, Sat. May 3 and Sun. May 4, 1986) For more info, contact Rod Gowen at 655-7484 or TS CONNECTION at 513/271-5575.

CINCINNATI USER GROUP-members, RANDY AND LUCY GORDON have written and have given to any who want it, a bulletin board program for the 2068 and the 2050 modem. We now have several copies, some gotten from the data library on CIS, and now it is in print in their newsletter. Copies are available upon request. For mailed out copies of the listing and documentation, the cost of copies and postage is $1.00. We have several members working with it to modify and improve upon it and get it ready to run our own BBS. We will be discussing this at our March meeting. I think that we owe a round of THANK YOUs to the GORDONS for giving it to us!

THATS ABOUT IT AGAIN FOR THIS MONTH! I hope that we were able to enlighten you a little bit!

VAL$ (2068)

You will recall that at the NOV. meeting there was a discussion on the use of VAL$. Robert Ryan actively entered into the discussion, and offers this further demonstration.

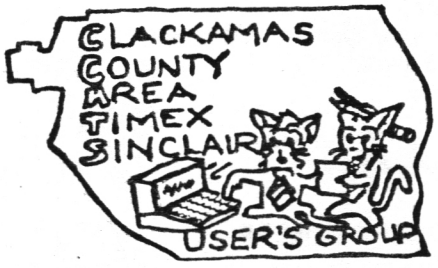
This program is a short demonstration of one use for VAL$. It inputs a name and then will print the first, last or middle name from it. Lines 10-30 tell the computer how to get first, last, and middle names. Line 50-80 find where the breaks in the name are. Then line 90 finds out which name you want to print. When line 100 is executed the computer first tries VAL$ (z$+"$"). Depending on whether z$ is f,l,or m, VAL$ (z$+"$") will be equal to the contents of string f$, l$, or m$, namely a$(a+3 TO b), a$(TO a), or a$(b+2 TO) so VAL$ VAL$ (z$+"$") will be equal to the contents of a$(a+3 TO b), a$(TO a), or a$(b+2 TO), namely the first, last or middle name from the name entered.

VAL$ behaves as if replaced by the contents of its argument, for example:

```
  10 LET B$="A$(2 TO )"
  20 PRINT VAL$ (B$)
```

Thus VAL$(B$) would be the same as A$(2 TO)

```
  10 LET f$= "a$( a$+3 TO b)"
  20 LET l$= "a$( TO a)"
  30 LET m$= "a$( b+2 TO )"
  40 INPUT "Name (Last, First, Middle)", LINE a$
  50 FOR i= 1 TO LEN a$
  60 IF a$(i)=" " THEN LET b=i-1
  70 IF a$(i)="," THEN LET a=i-1
  80 NEXT i
  90 INPUT "Print f)irst, l)ast, m)iddle  name";z$
 100 PRINT VAL$ VAL$ (z$+ "$")
 110 GO TO 90
```



COMMENTS ON COMPUSERVE

by: ROD GOWEN
CIS# 70436,1542

CIS: That stands for COMPUSERVE INFORMATION SERVICE. The definition is for those of you not familiar with the service.

BASICS-Here I am again! As I promised last time, I will now start you on a basic course on CIS.

I am assuming that you have your modem hooked up and your software in place. I am also basing this series on the use of the 2050 modem.

STEP 1: With the main menu of either MTERM I or II on the screen, choose option "A" for Autodial. Type in the number for CIS. (Portland area users dial 2321072). Readers in other areas will have to look up the number in your starter kit or manual to access CIS. Once connection is made, you must enter a CONTROL C. On our computer this is done by pressing SHIFT 7, release all keys, then press the "C". DO NOT PRESS ENTER! STEP 2: The system will now ask for your USER ID? You must type in your #. For our lesson, I will use the Demo #, 77770,101. Then the system will ask for your PASSWORD? Now type in your password. Again for our lesson, I will use FREE-DEMO. If you have made no errors, you will be "on-line" and data will appear.

From here you can go to literally 1000's of different places. With our demo, you will be told something about the system and allowed to look at some of the available services. You will not be able to access any of them in this demo mode. To gain access, you must buy your starter kit and become a subscriber. I will emphasize that there is NO CHARGE UNLESS YOU LOG ON. There is no monthly fee.

(NOTE: THE # AND PASSWORD USED IN THIS COLUMN WILL WORK AS DESCRIBED.)

Next time: How to get to the TS FORUM! Be sure and read it.

TAMING MY OLIVETTI PRINTER

DICK WAGNER

Never having had the opportunity to learn about or use a large printer, the purchase of an Olivetti 2300 printer was the start of a frustrating experience. There was no one local to turn to for specific help.

The interface I elected to use was the A & J. The first documentation did get the printer into operation with LLIST and LPRINT but it did not have a speaking acquaintance with any word processor. Later an improved version was available which was supposed to work with Tasword 2 but it wouldn't. Then much later a correction of 2 POKES did the trick and now it was possible to do some real text work.

The next problem was the lack of similarity of printer codes between the Epson (Tasword uses) and the Olivetti. The Olivetti manual is not for the inexperienced! The purchase of a book led me thru the dot matrix printer mystery which gave me an idea of what it was about. At last there was understanding about printer codes and I was beginning to get the drift of the manual use of codes. I won't go into these codes now but more on this later, maybe in Times Design magazine.

Later Tasword codes and even the HELP! page 1 chart were revised to fit the Olivetti codes. At last the printer codes could be used to make the word processor work.

Further steps included MSCRIPT, OS 64 system, and the Oliger printer interface. What a hassel to learn about each one and to get the Olivetti working with each. I really didn't need this IF but the Oliger is campatable with programs using the AERCO system, and I did have the Oliger mother board and the Oliger disk system.

There are problems to using single sheets of paper. The friction drive will work once the paper is squared up but there is no left guide. The end of printing is about 2 inches from the end of the sheet because of a switch location. Using the pin drive for half wide mailing labels is limited to using the left pin drive as the right one won't move far enough. If the user changes paper often the right pin driver has to be adjusted each time as it does not lock in position. There is only an inside platten "knob" for adjusting the paper position but once the top of page is set then line feed or form feed will advance the paper. Practice has solved these various odities.

Many sheets of paper were used up experimenting with printer codes and most are working nicely. The one code that seems to be lacking is a way to set the left margin short of with software. The A & J software version 2 gives a left margin and both MSRIPT and Tasword provide for setting the left margin. Many printers do have this provision by codes.

Well, it has been quite an experience!

LETTERS TO THE EDITOR

Dear Editor:

This is a short subroutine suitable for the 2068 that will COPY parts of DATA. Insert GOSUB 9000 immediately after the DATA line to be copied.

9000 prints "ENTER C TO CONTINUE, Z TO COPY" with C and Z flashing, spaced 1 line below the DATA to be copied.

9005 holds the DATA on the screen untill you choose and set up INKEY$.

9010 executes INKEY$, clears the screen and returns to the line desired.

9020 Clears the screen and sends it to the line desired if COPY is not used.

Continued page 7 -- Bob Evans

USER DEFINED CHARACTER DESIGNER

JAMES EDWARDS

```
  5 BRIGHT 1: BORDER 6: PAPER 6: INK
 0
  10 CLS : FOR n=0 TO 7: READ d
  15 POKE 65368+n,d: NEXT n
  16 DATA 255,129,129,129,129,129,129
,255
  18 FOR i=1 TO 8
  20 PRINT AT i,22; PAPER 7;"
"
  21 NEXT i
  22 FOR i=0 TO 7: PRINT AT i,0;"AAAA
AAAA     ": NEXT i
  25 LET r=0: LET o=0
  28 LET a=1
  29 FOR i=1 TO 8
  30 PRINT AT i,21;a
  31 LET a=a+1
  32 NEXT i
  35 PRINT AT 0,22;"ABCDEFGH";AT 9,22
;"ABCDEFGH"
  37 LET a=1
  38 FOR i=1 TO 8: PRINT AT i,30;a
  40 LET a=a+1: NEXT i
  45 PRINT AT 9,0;"Press 9 to fill";A
T 10,0;"Press 0 to erase";AT 11,0;"Pr
s f when finished"
  49 PRINT : PRINT
  50 PRINT "[a]...alter character"
  51 PRINT "[e]...erase character"
  52 PRINT "[n]...for new picture"
  53 PRINT "[p]...copy screen"
  80 PRINT : PRINT  INK 2; PAPER 7;"N
OTE: copy screen or write down
the data information after      each
new character!!      "
 100 PRINT  OVER 1;AT r,o;"*"
 105 IF INKEY$="" THEN  GO TO 105
 110 LET m$=INKEY$: BEEP .01,20
 115 IF m$="f" OR m$="F" THEN  GO TO
160
 120 IF m$="9" THEN  PRINT AT r,o;"-"
: BEEP .05,-10: GO TO 100
 125 IF m$="0" THEN  PRINT AT r,o;"A"
: BEEP .05,50: GO TO 100
 130 LET pr=r: LET po=o
 135 LET r=r+(m$="6")-(m$="7")
 140 LET o=o+(m$="8")-(m$="5")
 145 IF o<0 OR o>7 THEN  LET o=po
 150 IF r<0 OR r>7 THEN  LET r=pr
 155 PAUSE 3: PRINT  OVER 1;AT pr,po;
 ": GO TO 100
 160 LET byte=0: DIM d(8)
 165 PRINT  OVER 1;AT r,o;"*"
 170 FOR a=171 TO 115 STEP -8
 175 LET bit=8
 180 FOR i=4 TO 60 STEP 8
 185 LET bit=bit-1
 190 IF POINT (i,a) THEN  LET d(byte+
1)=d(byte+1)+2^bit
 195 PRINT AT byte,10;"   ";AT byte,1
0;d(byte+1): NEXT i
 200 POKE 65376+byte,d(byte+1)
 205 LET byte=byte+1
 210 NEXT a
 215 LET A=22: LET B=23: LET C=24: LE
T D=25: LET E=26: LET F=27: LET G=28:
 LET H=29
 230 POKE 23658,8
 240 INPUT  PAPER 7;"Paper Color: ";c
p
 250 INPUT  PAPER 7;"Color of Ink: ";
q
 255 PRINT AT 12,22; FLASH 1;"Print A
t?"
 260 INPUT  PAPER 7;"Row:";Y; PAPER 7
;"Column:";X
 270 PRINT AT Y,X; PAPER cp; INK q;"B
"
 274 PRINT AT 12,22; INK 6;"
"; FLASH 0
 275 POKE 23658,0
 280 FOR i=13 TO 17: PRINT AT i,23; P
APER 6; INK 6; FLASH 0;"        ": NE
XT i
 281 IF INKEY$="" THEN  GO TO 280
 285 IF INKEY$="a" THEN  GO TO 100
 290 IF INKEY$="e" THEN  GO TO 22
 295 IF INKEY$="p" THEN  GO TO 400
 296 IF INKEY$="n" THEN  RUN
 300 GO TO 281
 400 PRINT AT 13,23;"AFTER";AT 14,23;
"BREAK";AT 15,23;"ENTER";AT 16,23;"DI
RECT";AT 17,23; PAPER 2; INK 7; FLASH
 1;"GOTO 280"
 401 COPY
 405 GO TO 280
 500 SAVE "udg" LINE 1: BEEP .3,20
 503 REM rewind to VERIFY
 505 VERIFY "udg": BEEP .3,10
```

9999 Allows me to enter 9999 to SAVE a program. LINE 1 self runs the program at any line desired when LOADing.

```
9000 PRINT: PRINT "ENTER  ": FLASH
1: PRINT "C";: FLASH 0: PRINT "  TO
CONTINUE . ";: FLASH 1: PRINT
"Z";:FLASH 0: PRINT "  TO COPY"
9005 PAUSE 4E4: LET A$=INKEY$
9010IF A$="Z" THEN COPY: IF A$="Z"
THEN CLS: GOTO 9
9020 CLS: GO TO 9
9999 CLS: SAVE "INT LOAN" LINE 1
```

For 1000/1500 computers make a new line for each ":" and delete FLASH

THE
KRUNCHER
IS
! !HERE! !

HAVE YOU EVER RUN INTO
THAT BRICK WALL CALLED
"OUT OF MEMORY"?

HAVE WE GOT THE ANSWER FOR
YOU! A PROGRAM THAT WILL
"BYTE" INTO YOUR BASIC
PROGRAM, CHEW ON IT FOR A
FEW SECONDS, AND SPIT IT
BACK OUT WITH FROM 10 TO
40% OF THE MEMORY EMPTY!

SOUND GOOD! SURE IT DOES!!
WE HAVE TESTED IT, AND IN
ONE CASE, WE WENT FROM 239
BYTES FREE, TO 12400 FREE!

2068/SPECTRUM - $9.95+1
1000 VERSION COMING SOON!

JUST CALL OR WRITE:

RMG
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OREGON CITY, OR 97045
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$	15.00 / FULL PAGE

ALL AD COPY MUST BE IN BY
THE 10TH OF THE MONTH PRIOR
TO THE MONTH AD IS TO RUN

CCAT/S
1419 1/2 7th Street
Oregon city, OR 97045

(place label here)

CCATS Bulletin Board?

During the last meeting the group talked about starting our own Bulletin Board. Several months ago we were commissioned to gather the costs involved and to look into the possibility of finding or writting our own program to enable us, as a group, to use our modems to access a Bulletin Board that was geared to our computers. We now have the program which appears that we can convert to disc drive usage. The group felt that rather than making a decision at that time, to wait for the input of the other 2/3 of our membership. The following is our initial cost:

Computer	$100.00
2050 Modem	25.00
Disc Drive with power	115.00
Aerco DD Interface	175.00
Disks	10.00
Phone Hookup	35.00
Approx. Total	$425.00

The monthly charge for the telephone will be about $13.00.

The chief disadvantage of this project will be the depletion of our funds plus the yearly cost of $157.00. To partly meet these expenses. It has been proposed that a users' fee of $2.00 per month for group members be charged.

The advantages are several. We will be able to have access to the tape library and have up-to-date access at all times. Current news information will be available. Meeting updates will be on file. The number of things wanted on the Bulletin Board can be increased.

Please call Dennis Jurries between 8PM and 9PM any night between April 7th and April 14th at 655-9670 to get more information or to express your opinion.

CLAIS Bulletin Board

During the last meeting the group talked about starting our own Bulletin Board. Several months ago we were commissioned to gather the costs involved and to look into the possibility of finding or writting our own program to enable us, as a group, to use our modems to access a Bulletin Board that was geared to our computers. We now have the program which appears that we can convert to disc drive usage. The group felt that rather than making a decision at that time, to wait for the input of the other 2/3 of our membership. The following is our initial cost:

Computer	$100.00
2050 Modem	25.00
Disc Drive with power	115.00
Aerco DD Interface	125.00
[illegible]	10.00
Hour Hookup	25.00
Approx. Total	$425.00

The monthly charge for the telephone will be about $15.00.

The chief disadvantage of this project will be the depletion of our funds plus the yearly cost of $15?.00. To partly meet these expenses, it has been proposed that a user's fee of $2.00 per month for group members be charged.

The advantages are several. We will be able to have access to the tape library and have up-to-date access at all times. Current news information will be available. Meeting updates will be on file. The number of things wanted on the bulletin board can be increased.

Please call Dennis Jurries between [illegible] and [illegible] to get more information or to express your opinion.

NEWS RELEASE TV

FOR IMMEDIATE RELEASE

March 6, 1986

Contact: Marjorie Floren 295-6174

FOR YOUR NEWSLETTER OR BULLETIN BOARD:

COMPUTER CHRONICLES and THE NEW LITERACY, two television series presented by Oregon Public Broadcasting, KOAP-TV 10 Portland, KOAC-TV 7 Corvallis, KOAB-TV 3 Bend, and KTVR-TV 13 La Grande, aim their information at computer users and owners. They provide an overview of computers, their use, and new trends in the field.

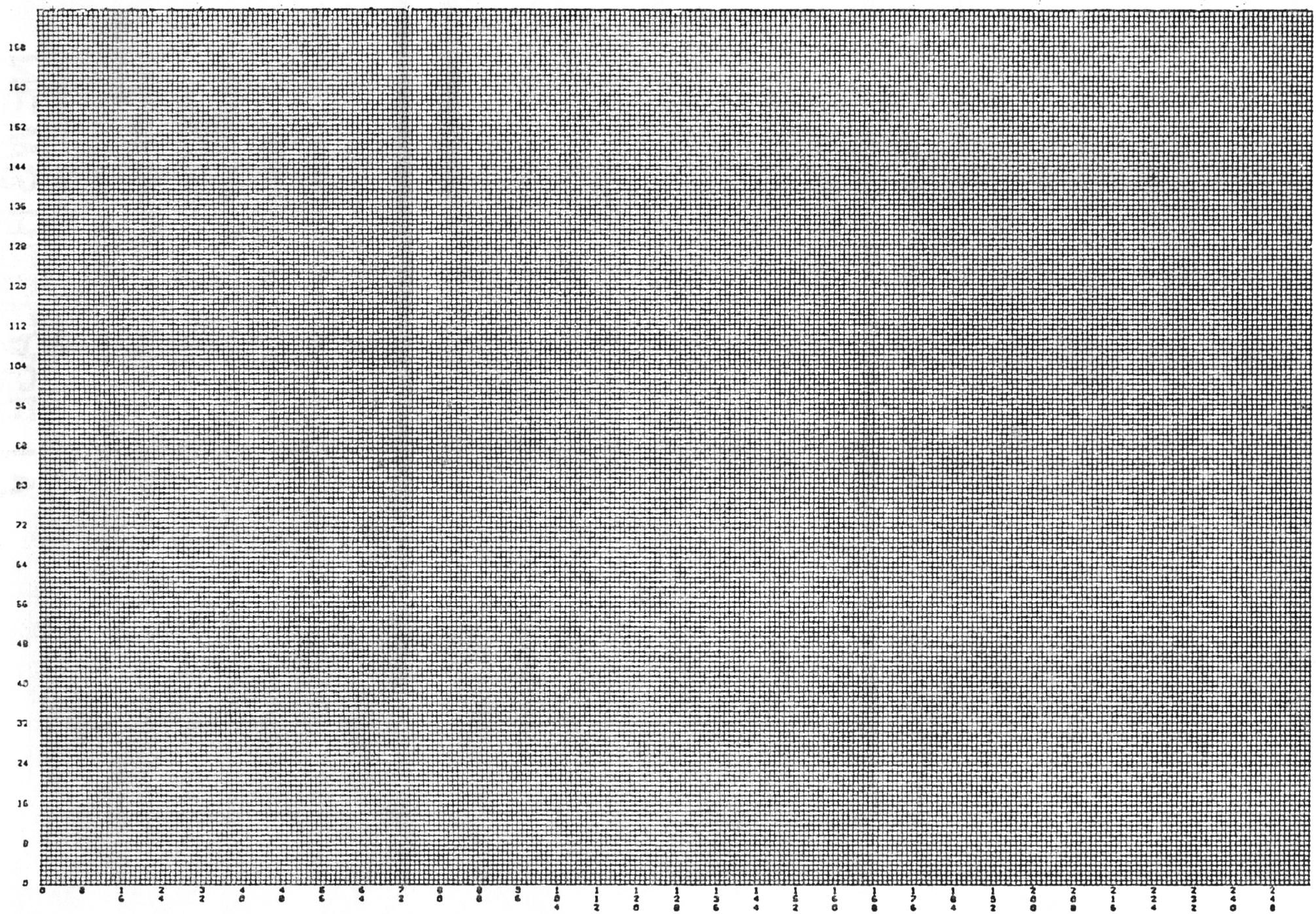
For the computer literate, OPB presents COMPUTER CHRONICLES, a weekly information magazine airing Sundays from 12 noon to 12:30 pm. Users of business and personal micro-computers, educators, and computer industry professionals can see, in action, computer innovations that otherwise they may only read about in computer magazines.

The series is hosted by Stewart Chiefet and Gary Kildall, and is co-sponsored by BYTE and Popular Computer Magazines and the American Federation of Information Processing Societies (AFIPS).

THE NEW LITERACY is a telecourse introducing computer concepts, system data flow, applications, design and programming. The bi-weekly series airs Mondays and Wednesdays 12:30 to 1:00 pm and repeats both programs on Saturday mornings, 10:00 to 11:00.

The course can be taken for credit through participating community colleges in Oregon and southwest Washington, documents the capabilities and potential uses of computers, reviews hardware and software systems, and examines developments that will advance information processing in the American marketplace.

Two years in the making, the series came out of the collaboration of 17 recognized comptuer experts from academia and industry, joining forces with television professionals. A textbook, Information Processing, and a student study guide are available for the course, through the community colleges.



This grapnic chart was designed and put on film by Dennis Jurries. The CCAT/S, thru the efforts of Rod Gowan, are distributing it in our newsletter.

Dennis programmed his 2068 to drive a Radio Shack plotter to produce the lines and numeric scales. The print was then reproduced on a Xerox copy machine (film process). Then paper copies were produced on a photo copy machine.

You will note the horizontal and vertical scales correspond to the PLOT of the 2068. The scales are for spaces, not lines, thus are pixel positions. Rod Gowen, RMG Enterprises, can quote prices on this graphic chart.